

I. CLAIMS

The claims as listed below supersede all prior versions, amendments and listing of claims as filed in connection with the subject application.

Claims 1 through 22 (Previously Canceled).

23. (Currently Amended) A device comprising a physiologically compatible, pliable, elongated, synthetic polymeric implant adapted for implantation within a human cornea and having a configuration prior to implantation in the cornea, the implant comprising a plurality of adjoining sections each ~~constructed~~ constructed to effect correction of a refractive disorder of the eye after implantation, the cross-sectional area of implant changing substantially stepwise from one section to an adjoining section and which cross-sections of each section increases in steps along the axis of the adjoining sections.

24. (Previously Amended) The device of claim 23 wherein said device includes at least two of said sections, the cross-sectional areas of said at least two sections being substantially different.

Claims 25 through 27 (Previously Canceled).

28. (Currently Amended) An insert precursor suitable for introduction into a human cornea, said insert precursor comprising a physiologically compatible pliable member having two ends and an elongated body extending there between, the body comprising at least two adjoining portions at least one of which is constructed to effect correction of a refractive disorder of the eye after implantation, the cross-sectional area of said member changing substantially stepwise from one portion to the next along the body and which cross-sections of each section increases in steps along the axis of the adjoining sections.

Claim 29 (Previously Canceled).

30. (Previously Presented) The insert precursor of claim 28, wherein a portion of the member is constructed to effect correction of a predetermined refractive disorder of an eye.

31. (Previously Amended) The insert precursor of claim 28, wherein the length of at least one of said portions is less than a circumference of the human cornea.

32. (Previously Amended) The insert precursor of claim 28, wherein the length of at least one of said portions approximates a circumference of the human cornea.

33. (Previously Presented) The insert precursor of claim 28, wherein the insert precursor has a modulus of elasticity less than about 3.5 kpsi.

34. (Previously Presented) The insert precursor of claim 28, wherein the cross-sectional area of said member changes substantially stepwise over a region from one portion to the next along the body.

35. (Currently Amended) The An implant of claim 23 wherein comprising axially
~~contiguous sections each adapted for implantation within the cornea of a human eye, said~~
sections having substantially different cross-sections from each other and having a modulus of elasticity less than about 3.5 kpsi, at least one of said sections being adapted to effect correction of a refractive disorder of the eye.

36. (Previously Presented) The implant of claim 35 wherein said at least one section has a modulus of elasticity between 1 psi and 1 kpsi.

37. (Previously Presented) The implant of claim 36 wherein said at least one section has a modulus of elasticity between 1 psi and 500 psi.

38. (Withdrawn) A method for effecting a refractive correction of the human cornea, comprising:

implanting at least a portion of at least one section of an implant, having multiple sections each having a different cross-sectional area, into the cornea, and allowing at least another one of said sections to be exterior to the cornea; and

removing said at least another one of said sections exterior to the cornea from the implanted portion of the implant.

39. (Withdrawn) The method of claim 38, wherein at least two sections of said implant are exterior to the cornea after said implanting and wherein said removing includes removing said at least two sections of said implant from the implanted portion of the implant.

40. (Currently Amended) The device of claim 23 wherein each of said section is arcuate.

41. (Currently Amended) The device of claim 23 wherein the sections is are axially contiguous.

42. (Previously Presented) The insert precursor of claim 28 wherein said insert precursor is arcuate.

43. (Previously Presented) The insert precursor of claim 28 wherein said at least two adjoining portions are axially contiguous.

44. (Currently Amended) The insert precursor of claim 23, wherein each of the sections adjoining the section having the cross-sectional area effective correct the refractive disorder after implantation are removable after implantation.